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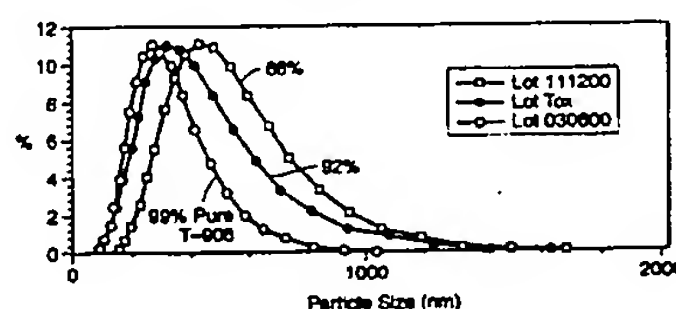
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(54) Use of purified surface modifiers to prevent particle aggregation during sterilization.

(57) A composition comprising nanoparticles having a purified polymeric surfactant as a surface modifier adsorbed on the surface thereof and a cloud point modifier associated therewith, which cloud point modifier is present in an amount sufficient to increase the cloud point of the surface modifier, and a method of making such nanoparticles is described. Preferred purified polymeric surfactants are purified polyalkyleneoxide substituted ethylenediamine surfactants and a preferred cloud point modifier is poly-

ethylene glycol.

FIG. 4



EP 0 605 024 A3



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL.5)
E	EP-A-0 601 619 (STERLING WINTHROP INC.) * the whole document * ---	1-9	A61K9/51 A61K9/14 A61K49/04
E	EP-A-0 601 618 (STERLING WINTHROP INC.) * the whole document * ---	1-4,6-9	
E	US-A-5 298 262 (G. C. NA ET AL) * the whole document * ---	1-4,6-9	
X	EP-A-0 012 523 (AMERICAN HOME PRODUCTS CORPORATION) * claims 1-13 * ---	1,2,7	
X	WO-A-90 15593 (YTKEMISKA INSTITUTET) * claims 1-10 * * page 3, line 29 - page 4, line 7 * * page 7, line 17 - page 8, line 35 * ---	1,2,4,5,7	
A,D	EP-A-0 498 482 (STERLING WINTHROP INC.) * claims 1-16 * * page 6, line 54 - page 7, line 38 * ---	1-9	TECHNICAL FIELDS SEARCHED (Int. CL.5)
A	JOURNAL OF MICROENCAPSULATION, vol.9, no.1, March 1992, LONDON, GB pages 19 - 28 S. D. TRÖSTER ET AL 'Influence of the surface properties of low contact angle surfactants on the body distribution of 14C-poly(methyl methacrylate) nanoparticles' * abstract * * page 26, line 26 - line 33 * -----	1-9	A61K
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 30 January 1995	Examiner Siatou, E
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons * : member of the same patent family, corresponding document			

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